

You will have take home quizzes due on Tuesday, March 20th and Thursday, March 22nd that will include exercises similar to some the following questions. You do not need to turn in your answers to these questions.

Drill Section 10.3

Addition, subtraction and scalar multiplication of matrices: page 568 #1-6

Sizes of matrices and matrix multiplication: page 569 #7-12

Matrix products: page 569 #15-36

Drill Section 10.4

Given two matrices, determine whether or not they are inverses (multiply them; if you get the appropriate identity matrix, then they are inverses, if you get anything other than the identity matrix, then they are not inverses.)

Calculate the inverse of a matrix when it exists: page 581 #11-22

Solving equations using matrix inverses: page 582 #27-34 (2x2) and #35-40 (3x3)

Tip: Do #19 and #35, since they involve the same coefficient matrix.